

A TELEMETRY DUTY CYCLE MANAGEMENT SYSTEM FOR AN IMPLANTABLE MEDICAL DEVICE

Abstract

5 A telemetry system enabling radio frequency (RF) communications between an
implantable medical device and an external device, or programmer, in which the RF
circuitry is normally maintained in a powered down state in order to conserve power.
At synchronized wakeup intervals, one of the devices designated as a master device
powers up its RF transmitter to request a communications session, and the other device
10 designated as a slave device powers up its RF transmitter to listen for the request.
Telemetry is conducted using a far field or near field communication link.

"Express Mail" mailing label number: EL873860841US

Date of Deposit: December 19, 2001

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